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a corrosion inhibiting coat made from synthetic resin applied to the surface of said magnet which has been rendered smooth by the application of said filling material into the depressions on its surface.

2, A resin bonded rare earth magnet according to Claim 1, wherein the corrosion inhibiting coat made from synthetic resin applied to the surface of said magnet has a thickness of between 1 and 30 microns.

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ABSTRACT

A resin bonded rare earth magnet, compression molded from rare earth-transition alloy powder and thermosetting resin, having a magnet body 1 comprising a mixture of thermosetting resin and rare earth-transition alloy powder with a particle size of between 20 and 300 microns, a filling material 3 with particle size between 0.1 and 15 microns which is used to fill in the depressions 2 on the surface of said magnet 1 and is then fixed with said thermosetting resin, and a corrosion inhibiting coat 4 made from synthetic resin applied to the surface of said magnet 1 which has been rendered smooth by the application of said filling material into the depressions on its surface.